

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Brian Pope, Zhan Liu

Atty. Docket: MDX / 297

Title: SYRINGE PUMP RAPID OCCLUSION DETECTION SYSTEM

22278 U.S. PTO  
10/700738  
110403

**CERTIFICATE OF MAILING BY EXPRESS MAIL - 37 CFR 1.10**

'Express Mail' mailing label number: EV355033766US

Date of Deposit: November 4, 2003

I certify that this paper or fee (along with the enclosures noted herein) is being deposited with the United States Postal Service 'Express Mail Post Office to Addressee' service under 37 CFR 1.10 on the above date and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Kenneth Eads

By: Kenneth Eads (person mailing paper)

**UTILITY PATENT APPLICATION TRANSMITTAL**

*Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450*

This is a request for filing, under 37 CFR § 1.53(b), a(n):

- ☒ **Original (non-provisional) application.**  
☐ Divisional of prior application Serial No. \_\_, filed on \_\_.  
☐ Continuation of prior application Serial No. \_\_, filed on \_\_.  
☐ Continuation-in-part of prior application Serial No. \_\_, filed on \_\_.

**PRELIMINARY AMENDMENT/CALCULATION OF FEES**

- ☐ Please cancel claims \_\_ without prejudice, and prior to calculating the fees. \_\_ total claim(s), of which \_\_ is(are) independent, is(are) pending after the amendment.
- ☐ Please enter the enclosed preliminary amendment identified below prior to calculating the fees. \_\_ total claim(s), of which \_\_ is(are) independent, is(are) pending after the amendment.
- ☐ Small Entity Status is Requested
- ☒ **The Fees are Calculated as Follows:**

Fee:	Number of Claims:	In Excess of:	Extra:	At Rate:	Amount:
Total Claims	85	20	65	\$18	\$1,170.00
Independent Claims	11	3	8	\$86	\$688.00
MULTIPLE DEPENDENT CLAIM FEE					
BASIC FEE					\$770.00
TOTAL OF ABOVE CALCULATIONS					\$2,628.00
REDUCTION BY 50% FOR FILING BY SMALL ENTITY					
TOTAL					\$2,628.00

**ENCLOSURES**

- ☒ **Utility Patent Application Transmittal Form (in duplicate) containing Certificate of Mailing By Express Mail Under 37 CFR 1.10.**
- ☒ **Return Postcard.**

**APPLICATION PAPERS**

- ☒ **Utility Patent Application, with: cover sheet, 55 page(s) specification (including 85 total claim(s), of which 11 is(are) independent, and 1 page(s) abstract).**
- ☒ **Drawings: 6 sheet(s) of formal drawings ( 8 total figure(s)).**
- ☐ Microfiche Computer Program (Appendix).
- ☐ Nucleotide and/or Amino Acid Sequence, including (all are necessary): Computer Readable Copy, Paper Copy (identical to computer copy), and Statement verifying identity of copies.
- ☒ **An Executed Declaration, Power of Attorney and Petition Form.**
- ☐ Copy of Executed Declaration, Power of Attorney and Petition Form from prior application identified above.
- ☐ Certified Copy of priority document(s) identified as attached above.

**ADDITIONAL PAPERS**

- ☐ Assignment to \_\_\_, Recordation Cover Sheet (Form PTO-1595)
- ☐ Nonpublication Request under 35 U.S.C. 122(b)(2)(B)(i)
- ☐ Preliminary Amendment (to be entered prior to calculation of fees)
- ☐ Information Disclosure Statement, \_\_\_ sheet(s) Form PTO-1449, \_\_\_ U.S. Patent Reference(s), \_\_\_ Foreign Patent Reference(s) and \_\_\_ Other Reference(s)
- ☐ Other: \_\_

**CHECKS**

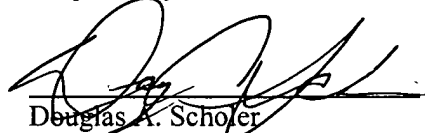
- ☒ **A Check of \$2,628.00 for the filing fee.**
- ☐ A Check of \_\_\_ for the assignment recording fee.

**DEPOSIT ACCOUNT AUTHORIZATION**

- ☐ Please charge Deposit Account No. 23-3000 in the amount of    .
- ☒ **The Commissioner is authorized to charge any fees under 37 CFR 1.16 and 1.17 which may be required during the entire pendency of the application, or credit any overpayment, to Deposit Account No. 23-3000 . A duplicate of this transmittal is attached.**
- ☐ THE PAYMENT OF FEES IS BEING DEFERRED.
- 

WOOD, HERRON & EVANS, L.L.P.  
2700 Carew Tower  
441 Vine St.  
Cincinnati, Ohio 45202  
(513) 241-2324  
  
DAS/lbp

Respectfully Submitted,

  
Douglas A. Schofer  
Reg. No. 52,197